

**OWENSBORO MUNICIPAL UTILITIES**  
**WATER SYSTEM RATE ANALYSIS MODEL**  
**2021 TEN YEAR CAPITAL PROGRAM - 06.02.21**

Hydrant Blitz

Description - Rates	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	2028-2029	2029-2030	2030-2031	2031-2032	10 yr Totals
<b>Blanket Capital (Routine)</b>											
Service and Meter Replacement w/o New Customer	\$952,000	\$972,000	\$992,000	\$1,012,000	\$1,033,000	\$1,054,000	\$1,076,000	\$1,098,000	\$1,120,000	\$1,143,000	\$10,452,000
New Service & Meter Setting: New Residential Customers	\$55,000	\$57,000	\$59,000	\$61,000	\$63,000	\$65,000	\$67,000	\$69,000	\$71,000	\$73,000	\$640,000
New Service & Meter Setting: New Commercial Customers	\$32,000	\$33,000	\$34,000	\$35,000	\$36,000	\$37,000	\$38,000	\$39,000	\$40,000	\$41,000	\$365,000
New Service & Meter Setting: New Industrial Customers	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$50,000
New Main Install (Includes Loops)	\$68,000	\$70,000	\$72,000	\$74,000	\$76,000	\$78,000	\$80,000	\$82,000	\$84,000	\$86,000	\$770,000
Hydrant Replacements	\$102,000	\$105,000	\$108,000	\$111,000	\$338,000	\$117,000	\$120,000	\$123,000	\$126,000	\$375,000	\$1,625,000
Valves Replacements	\$102,000	\$105,000	\$108,000	\$111,000	\$114,000	\$117,000	\$120,000	\$123,000	\$126,000	\$129,000	\$1,155,000
Vehicles	\$286,000	\$145,000	\$155,000	\$120,000	\$125,000	\$165,000	\$140,000	\$140,000	\$185,000	\$165,000	\$1,626,000
Meters Purchased	\$205,000	\$205,000	\$205,000	\$205,000	\$205,000	\$205,000	\$205,000	\$205,000	\$205,000	\$205,000	\$2,050,000
Tools & Work Equipment	\$10,000	\$10,000	\$10,000	\$10,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$70,000
Office and Computer Equipment	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$30,000
3rd Party Damages	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$500,000
Billing Projects											\$0
											\$0
Reimbursement - 3rd Party Damages & Industrials	(\$55,000)	(\$55,000)	(\$55,000)	(\$55,000)	(\$55,000)	(\$55,000)	(\$55,000)	(\$55,000)	(\$55,000)	(\$55,000)	(\$550,000)
<b>Totals - (883) - Routine Capital</b>	<b>\$1,870,000</b>	<b>\$1,760,000</b>	<b>\$1,801,000</b>	<b>\$1,797,000</b>	<b>\$2,053,000</b>	<b>\$1,901,000</b>	<b>\$1,909,000</b>	<b>\$1,942,000</b>	<b>\$2,020,000</b>	<b>\$2,280,000</b>	<b>\$17,053,000</b>
<b>Specific Capital Projects: Bonds</b>											
<b>Transmission/Distribution:</b>											
ORA Pump with (2) Check Valves - Contractor	\$250,000										\$250,000
Waverly Pl 6" Small Main	\$74,500										\$74,500
St. Claire 6" Small Main	\$68,500										\$68,500
1900 W 3rd St	\$35,000										\$35,000
ORA extension 12" Main - Contractor		\$318,000									\$318,000
College Dr		\$80,000									\$80,000
W 10th St 6" Small Main		\$74,000									\$74,000
Trafalgar 6" Small Main		\$69,000									\$69,000
Complete ORA Loop 12" Main - Contractor			\$180,000								\$180,000
Colonial Ct. 6" Small Main			\$95,000								\$95,000
Placid Pl E 6" Small Main			\$68,500								\$68,500
Dean Ct. 6" Small Main			\$65,000								\$65,000
E. 6th St 6" Small Main			\$42,000								\$42,000
Herr Ave 6" Small Main			\$15,000								\$15,000
W 19th St 6" Small Main				\$138,000							\$138,000
Stockton Dr W 6" Small Main				\$95,000							\$95,000
Tremont Dr 6" Small Main				\$95,000							\$95,000
E 19th St 6" Small Main				\$60,000							\$60,000
Stewart Ct 6" Small Main				\$72,000							\$72,000
E 21st (Triplett to Breck)					\$180,000						\$180,000
Green Acres 6" Small Main					\$45,000						\$45,000
1600 JR Miller 6" Small Main					\$20,000						\$20,000
Bon Harbor 6" Loop						\$128,000					\$128,000
Maplewood 6" Small Main						\$95,000					\$95,000
9th & Triplett Relocate 14" Presently Passing Through Manhole						\$54,000					\$54,000
Magnolia Dr. 6" Small Main						\$59,000					\$59,000
1741 Scherm Rd 6" Small Main						\$25,000					\$25,000
400 - 800 Booth Ave 6" Small Main							\$100,000				\$100,000
Benita 6" Small Main							\$74,000				\$74,000
1200 blk Sweeney St.							\$75,000				\$75,000
Hawthorne Dr 6" Small Main							\$60,000				\$60,000
9th St and Leitchfield Road - Install 12" Main to Connect 12" to 20" Mains							\$40,500				\$40,500
E. 24th Street 6" Small Main								\$102,000			\$102,000
E. 8th St to Rural King 6" Extension								\$54,000			\$54,000
Owen Ct. 6" Small Main								\$49,000			\$49,000
Seminole Place 6" Extension								\$49,000			\$49,000
E. 18th St 6" Small Main								\$42,000			\$42,000
1300 Blk W 4th St 6" Small Main								\$20,000			\$20,000
E 22nd St 6" Small Main									\$120,000		\$120,000
Hubert Ct. 6" Small Main									\$75,000		\$75,000
Sheridan Place 6" Small Main									\$45,000		\$45,000
W 14th St and Waverly 6in Small Main									\$42,000		\$42,000
W Parrish Ave 6" Small Main									\$25,000		\$25,000
Pleasant Valley 6" Small Main									\$6,000		\$6,000
E21st (Triplett to Breck) 6" Small Main										\$180,000	\$180,000
1600 Blk W 2nd St 6" Small Main										\$60,000	\$60,000
2500 Blk W 2nd St 6" Small Main										\$25,000	\$25,000
Hall St 6" Small Main										\$25,000	\$25,000
1200 Blk W 2nd St 6" Small Main										\$12,000	\$12,000
(Reimbursements)											
<b>Subtotal Transmission/Distribution</b>	<b>\$428,000</b>	<b>\$541,000</b>	<b>\$465,500</b>	<b>\$460,000</b>	<b>\$245,000</b>	<b>\$361,000</b>	<b>\$349,500</b>	<b>\$316,000</b>	<b>\$313,000</b>	<b>\$302,000</b>	<b>\$3,479,000</b>
<b>Total - Specific Projects (Bond)</b>	<b>\$428,000</b>	<b>\$541,000</b>	<b>\$465,500</b>	<b>\$460,000</b>	<b>\$245,000</b>	<b>\$361,000</b>	<b>\$349,500</b>	<b>\$316,000</b>	<b>\$313,000</b>	<b>\$302,000</b>	<b>\$3,479,000</b>
<b>Gross Total Capital Costs</b>	<b>\$2,298,000</b>	<b>\$2,301,000</b>	<b>\$2,266,500</b>	<b>\$2,257,000</b>	<b>\$2,298,000</b>	<b>\$2,262,000</b>	<b>\$2,258,500</b>	<b>\$2,258,000</b>	<b>\$2,333,000</b>	<b>\$2,582,000</b>	<b>\$20,532,000</b>
<b>Total Reimbursement</b>	<b>(\$55,000)</b>	<b>(\$55,000)</b>	<b>(\$55,000)</b>	<b>(\$55,000)</b>	<b>(\$55,000)</b>	<b>(\$55,000)</b>	<b>(\$55,000)</b>	<b>(\$55,000)</b>	<b>(\$55,000)</b>	<b>(\$55,000)</b>	<b>(\$495,000)</b>
<b>Grant Funded Projects</b>											
<b>NET TOTAL CAPITAL SPENDING</b>	<b>\$2,243,000</b>	<b>\$2,246,000</b>	<b>\$2,211,500</b>	<b>\$2,202,000</b>	<b>\$2,243,000</b>	<b>\$2,207,000</b>	<b>\$2,203,500</b>	<b>\$2,203,000</b>	<b>\$2,278,000</b>	<b>\$2,527,000</b>	<b>\$20,037,000</b>